

MSDS NUMBER: 2712

D. A. STUART COMPANY  
MATERIAL SAFETY DATA SHEET-----  
SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION  
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## CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT NAME. . . . . : #2712 DASCOOL 840  
PRODUCT ID NUMBER . . . . . : 04377.00 D03  
PRODUCT CLASS . . . . . : LUBRICANT

## MANUFACTURER IDENTIFICATION:

NAME. . . . . : D. A. STUART COMPANY  
ADDRESS . . . . . : 4580 WEAVER PARKWAY  
WARRENVILLE IL  
60555  
TELEPHONE . . . . . : 630-393-0833

## FOR CHEMICAL EMERGENCY

Spill, leak, fire, exposure, or accident  
EMERGENCY CONTACT . . . . . : CHEMTREC  
EMERGENCY TELEPHONE . . . . . : (800) 424-9300

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SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS  
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1

CAS# 4719-04-4  
HEXAHYDRO-1,3,5-TRIS (2-HYDROXY ETHYL)-S-TRIAZINE  
PCT BY WT: < 3  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: NONE

2

CAS# 68937-73-5  
CARBOXYLIC ACIDS WITH ALKANOLAMINES  
PCT BY WT: < 4  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: NONE

3

CAS# MIXTURE  
POLYOXYETHYLENE PHENYL ETHER PHOSPHATE  
PCT BY WT: < 2  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: 1 MG/M3 (FOR PHOSPHORIC ACID)  
ACGIH TLV/STEL: 3 MG/M3 (FOR PHOSPHORIC ACID)  
OSHA PEL/TWA: 1 MG/M3 (FOR PHOSPHORIC ACID)

4

CAS# 31075-24-8  
POLY(OXYETHYLENE-(DIMETHYLIMINO)ETHYLENE-(DIMETHYLIMINIO)  
ETHYLENE DICHLORIDE)  
PCT BY WT: < 2  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: NONE

LC 50:

RABBITS - 2000 MG/KG

## 5 ALIPHATIC SURFACTANTS

CAS# 69013-18-0

ALCOHOLS, ETHOXYLATED, PROPOXYLATED

PCT BY WT: &lt; 3

EXPOSURE LIMIT:

ACGIH TLV/TWA: NONE

6

CAS# 141-43-5

MONOETHANOLAMINE

PCT BY WT: &lt; 10

EXPOSURE LIMIT:

ACGIH TLV/TWA: 3 PPM

ACGIH TLV/STEL: 6 PPM

OSHA PEL/TWA: 3 PPM

OSHA STEL: 6 PPM

5

CAS# 102-71-6

TRIETHANOLAMINE

PCT BY WT: &lt; 10

EXPOSURE LIMIT:

ACGIH TLV/TWA: 5 MG/M3

OSHA PEL/TWA: 5 MG/M3

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This product contains no components, present in excess of 0.1% by weight,  
which are listed as carcinogens by IARC, NTP, or OSHA.  
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## SECTION 3 - HAZARDS IDENTIFICATION

HEALTH HAZARDS (Acute and Chronic):

ACUTE HEALTH HAZARDS:

prolonged or frequent contact may cause skin and eye irritation. Inhalation  
of mists/vapors may cause respiratory irritation.

CHRONIC HEALTH HAZARDS: Not determined for the product as a whole.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE:

None Determined

ROUTE(S) OF ENTRY:

Inhalation?	Skin?	Ingestion?
Yes	Yes	Possible

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Possible red and/or itching skin due to overexposure.

## SECTION 4 - FIRST AID MEASURES

EYE CONTACT:

Flush with water at once for at least 15 minutes, lifting upper and lower  
lids to ensure even flushing. Seek medical attention.

**SKIN CONTACT:**

Remove contaminated clothing immediately, and wash affected area thoroughly with soap and water. If irritation persists, seek medical attention.

**INHALATION:**

If a person breathes in large amounts of this product, move the exposed person to fresh air at once. If breathing becomes difficult, administer oxygen and seek immediate medical attention.

**INGESTION:**

Rinse mouth immediately. Never give anything to an unconscious person. Do not induce vomiting unless advised by a physician. Seek immediate medical attention.

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**SECTION 5 - FIRE FIGHTING MEASURES**

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**FIRE AND EXPLOSIVE PROPERTIES:**

Flashpoint . . . . . -N/A °F  
Auto-ignition temperature. -N/A  
Lower Explosion Limit. . . -N/A  
Upper Explosion Limit. . . -N/A

**EXTINGUISHING MEDIA:**

Dry Chemical, Foam, CO2, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

None

**SPECIAL FIRE FIGHTING PROCEDURES:**

None

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Person not wearing proper personal protective equipment as stated in Section 8 should be excluded from area of spill. Extinguish all flames in the vicinity. Dike spill and soak up on inert absorbent material. Place in appropriate containers and affix proper labels.

**OTHER PRECAUTIONS:**

Use good personal hygiene. For industrial use only.  
Avoid breathing mists and vapors. Wear all appropriate personal protection equipment at all times.

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**SECTION 7 - HANDLING AND STORAGE**

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**HANDLING PRECAUTIONS:**

Avoid contact with eyes, skin, and clothing. Do not get into eyes, on skin, or clothing. Wash thoroughly after handling. Avoid breathing mist or vapor. Use only with adequate ventilation.

**STORAGE REQUIREMENT:**

Store in well-ventilated, cool, dry area. Keep containers closed when not in

immediate use. Store with compatible materials and equipment.

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#### SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

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EYE PROTECTION: Safety Glasses

PROTECTIVE GLOVES: Rubber, Impervious

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

An eyewash fountain should be located nearby work area at all times for emergency use.

RESPIRATORY PROTECTION (Specify Type):

If ventilation equipment is not sufficient to keep airborne concentrations below exposure limits, a NIOSH approved respirator should be worn.

VENTILATION:

Local Exhaust: Recommended

Mechanical: None Special

Special: None Special

Other: None Special

WORK/HYGENIC PRACTICES:

Use good personal hygiene at all times. Launder soiled clothing before reuse. Wash hands thoroughly before eating or smoking.

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#### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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Physical Appearance . . . . . : CLEAR AMBER LIQUID

Odor . . . . . : MILD

Physical State . . . . . : LIQUID

pH . . . . . : 9.5

Vapor Pressure . . . . . : -N/A

Vapor Density . . . . . : -N/A

Boiling Range . . . . . : Lower - N/A °F

Higher - N/A °F

Water Solubility . . . . . : COMPLETE

Specific Gravity . . . . . : 1.050

Evaporation Rate . . . . . : -N/A

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#### SECTION 10 - STABILITY AND REACTIVITY

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STABILITY: Stable

INCOMPATIBILITY (Materials To Avoid): Strong oxidizing agents, strong acids

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon Monoxide and Carbon Dioxide

Oil-based products may fume when heated.

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID:

Keep away from heat, sparks, open flames, or all sources of ignition. Do not store next to or with incompatible materials.

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SECTION 11 - TOXICOLOGICAL INFORMATION

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Please refer to Section 3 for information on potential health effects.

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SECTION 12 - ECOLOGICAL INFORMATION

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Ecological testing has not been conducted on this product.

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SECTION 13 - DISPOSAL CONSIDERATIONS

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Follow all Federal, State, Local and Corporate Regulations for disposal. The disposal method and manner practices should be acceptable to good waste management practices and follow applicable codes and regulations.

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SECTION 14 - TRANSPORT INFORMATION

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DOT SHIPPING DESCRIPTION:

NOT DOT REGULATED

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SECTION 15 - REGULATORY INFORMATION

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SARA 311 AND 312 INFORMATION:

This product contains the following substances defined as Hazardous by OSHA Hazard Communication Standard 29 CFR 1910.1200 (d).

CAS#	Chemical Name	% By Weight
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See Section 2

SARA 313 INFORMATION:

This product contains NONE of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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SECTION 16 - OTHER INFORMATION

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HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) INFORMATION:

Health- 1	Flammability- 0
Reactivity- 0	Personal Protective Equipment- B

PPE "B" = Safety Glasses and Gloves

Prepared by . . . . . : EHS Department  
MSDS Last Revision Date . . . . . : 01/08/2001  
MSDS Print Date . . . . . : 11/11/2002

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